

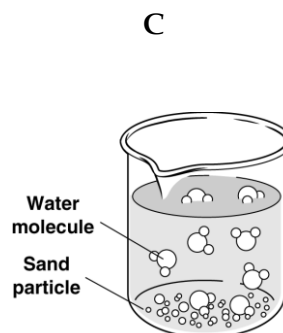
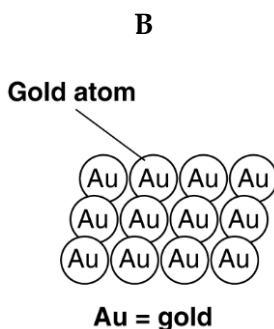
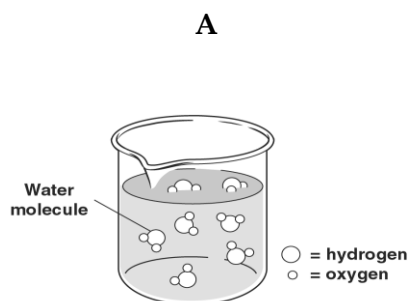
What are three types of matter?

Decide which type or types of matter—*element*, *compound*, or *mixture*—are being described. Write the correct terms in the spaces provided.

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|-------|---|
| _____ | 1. A substance made up of one type of atom |
| _____ | 2. A chemical combination of two or more elements |
| _____ | 3. Cannot be physically separated |
| _____ | 4. Elements are chemically combined in specific amounts |
| _____ | 5. A physical combination of two or more substances |
| _____ | 6. Kinds of matter are present in any amounts |
| _____ | 7. Has different properties than the original elements |
| _____ | 8. Cannot be chemically broken down into a simpler substance |
| _____ | 9. Can be physically separated |
| _____ | 10. The substances that are combined keep their original properties |

Skill Challenge

Study the diagrams below. Circle the letter of the diagram that is described by each phrase. Some phrases may describe more than one diagram.



- | | | | |
|---------------------|----------|----------|----------|
| 1. an element | A | B | C |
| 2. a compound | A | B | C |
| 3. a mixture | A | B | C |
| 4. a pure substance | A | B | C |